

3xD



FIREX® coated



External Coolant



Straight Shank

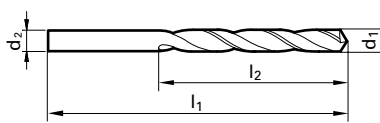
Speeds & Feeds
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Series 515

GT 500 DZ High-performance

PM Cobalt, stub length, 130° cone-relief point, Special GN Type B web thinned, standard straight shank, RH helix

Cut / Shank Dia. = h8 tolerance range



$$d_1 = d_2$$

Application Materials:



Universal Steels



Stainless Steels



Hardened Materials



Cast Iron

GUHRING
Select

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.0394			26.00	6.00	9005150010000
0.0402	60		26.00	6.00	9005150010200
0.0409	59		26.00	6.00	9005150010400
0.0421	58		28.00	7.00	9005150010700
0.0429	57		28.00	7.00	9005150010900
0.0433			28.00	7.00	9005150011000
0.0465	56		28.00	7.00	9005150011800
0.0469	3/64		30.00	8.00	9005150011900
0.0472			30.00	8.00	9005150012000
0.0512			30.00	8.00	9005150013000
0.0520	55		30.00	8.00	9005150013200
0.0551	54		32.00	9.00	9005150014000
0.0591			32.00	9.00	9005150015000
0.0594	53		34.00	10.00	9005150015100
0.0626	1/16		32.00	9.00	9005150015900
0.0630			34.00	10.00	9005150016000
0.0634	52		34.00	10.00	9005150016100
0.0669	51		34.00	10.00	9005150017000
0.0701	50		36.00	11.00	9005150017800
0.0709			36.00	11.00	9005150018000
0.0728	49		36.00	11.00	9005150018500
0.0748			36.00	11.00	9005150019000
0.0760	48		36.00	11.00	9005150019300
0.0780	5/64		36.00	11.00	9005150019800
0.0783	47		38.00	12.00	9005150019900
0.0787			38.00	12.00	9005150020000
0.0811	46		38.00	12.00	9005150020600
0.0819	45		38.00	12.00	9005150020800
0.0827			38.00	12.00	9005150021000
0.0858	44		40.00	13.00	9005150021800
0.0866			40.00	13.00	9005150022000
0.0890	43		40.00	13.00	9005150022600
0.0906			40.00	13.00	9005150023000
0.0933	42		43.00	14.00	9005150023700
0.0937	3/32		43.00	14.00	9005150023800
0.0945			43.00	14.00	9005150024000
0.0961	41		43.00	14.00	9005150024400
0.0980	40		43.00	14.00	9005150024900
0.0984			43.00	14.00	9005150025000
0.0996	39		43.00	14.00	9005150025300
0.1016	38		43.00	14.00	9005150025800
0.1024			43.00	14.00	9005150026000
0.1039	37		43.00	14.00	9005150026400
0.1063			46.00	16.00	9005150027000
0.1067	36		46.00	16.00	9005150027100
0.1094	7/64		46.00	16.00	9005150027800
0.1098	35		46.00	16.00	9005150027900
0.1102			46.00	16.00	9005150028000
0.1110	34		46.00	16.00	9005150028200
0.1130	33		46.00	16.00	9005150028700
0.1142			46.00	16.00	9005150029000
0.1161	32		46.00	16.00	9005150029500
0.1181			46.00	16.00	9005150030000
0.1201	31		49.00	18.00	9005150030500

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.1220			49.00	18.00	9005150031000
0.1248	1/8		49.00	18.00	9005150031700
0.1260			49.00	18.00	9005150032000
0.1283		30	49.00	18.00	9005150032600
0.1299			49.00	18.00	9005150033000
0.1339			52.00	20.00	9005150034000
0.1358		29	52.00	20.00	9005150034500
0.1378			52.00	20.00	9005150035000
0.1406	9/64	28	52.00	20.00	9005150035700
0.1417			52.00	20.00	9005150036000
0.1441		27	52.00	20.00	9005150036600
0.1457			52.00	20.00	9005150037000
0.1469		26	52.00	20.00	9005150037300
0.1496		25	55.00	22.00	9005150038000
0.1520		24	55.00	22.00	9005150038600
0.1535			55.00	22.00	9005150039000
0.1539		23	55.00	22.00	9005150039100
0.1563	5/32		55.00	22.00	9005150039700
0.1571		22	55.00	22.00	9005150039900
0.1575			55.00	22.00	9005150040000
0.1591		21	55.00	22.00	9005150040400
0.1610		20	55.00	22.00	9005150040900
0.1614			55.00	22.00	9005150041000
0.1654			55.00	22.00	9005150042000
0.1661		19	55.00	22.00	9005150042200
0.1693		18	58.00	24.00	9005150043000
0.1720	11/64		58.00	24.00	9005150043700
0.1728		17	58.00	24.00	9005150043900
0.1732			58.00	24.00	9005150044000
0.1772		16	58.00	24.00	9005150045000
0.1799		15	58.00	24.00	9005150045700
0.1811			58.00	24.00	9005150046000
0.1819		14	58.00	24.00	9005150046200
0.1850		13	58.00	24.00	9005150047000
0.1874	3/16		62.00	26.00	9005150047600
0.1890		12	62.00	26.00	9005150048000
0.1909		11	62.00	26.00	9005150048500
0.1929			62.00	26.00	9005150049000
0.1937		10	62.00	26.00	9005150049200
0.1961		9	62.00	26.00	9005150049800
0.1969			62.00	26.00	9005150050000
0.1992		8	62.00	26.00	9005150050600
0.2008			62.00	26.00	9005150051000
0.2012		7	62.00	26.00	9005150051100
0.2031	13/64		62.00	26.00	9005150051600
0.2039		6	62.00	26.00	9005150051800
0.2047			62.00	26.00	9005150052000
0.2055		5	62.00	26.00	9005150052200
0.2087			62.00	26.00	9005150053000
0.2091		4	66.00	28.00	9005150053100
0.2126			66.00	28.00	9005150054000
0.2130		3	66.00	28.00	9005150054100
0.2165			66.00	28.00	9005150055000
0.2185			66.00	28.00	9005150055500

Series 515

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Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #	
	Fract. inch	Wire / letter				
0.2189	7/32		5.560	66.00	28.00	9005150055600
0.2205			5.600	66.00	28.00	9005150056000
0.2209		2	5.610	66.00	28.00	9005150056100
0.2244			5.700	66.00	28.00	9005150057000
0.2280		1	5.790	66.00	28.00	9005150057900
0.2283			5.800	66.00	28.00	9005150058000
0.2323			5.900	66.00	28.00	9005150059000
0.2339		A	5.940	66.00	28.00	9005150059400
0.2343	15/64		5.950	66.00	28.00	9005150059500
0.2362			6.000	66.00	28.00	9005150060000
0.2378		B	6.040	70.00	31.00	9005150060400
0.2402			6.100	70.00	31.00	9005150061000
0.2421		C	6.150	70.00	31.00	9005150061500
0.2441			6.200	70.00	31.00	9005150062000
0.2461		D	6.250	70.00	31.00	9005150062500
0.2480			6.300	70.00	31.00	9005150063000
0.2500	1/4	E	6.350	70.00	31.00	9005150063500
0.2520			6.400	70.00	31.00	9005150064000
0.2559			6.500	70.00	31.00	9005150065000
0.2571		F	6.530	70.00	31.00	9005150065300
0.2598			6.600	70.00	31.00	9005150066000
0.2610		G	6.630	70.00	31.00	9005150066300
0.2638			6.700	70.00	31.00	9005150067000
0.2657	17/64		6.750	70.00	31.00	9005150067500
0.2677			6.800	74.00	34.00	9005150068000
0.2717		I	6.900	74.00	34.00	9005150069000
0.2756			7.000	74.00	34.00	9005150070000
0.2768		J	7.030	74.00	34.00	9005150070300
0.2795			7.100	74.00	34.00	9005150071000
0.2811	9/32	K	7.140	74.00	34.00	9005150071400
0.2835			7.200	74.00	34.00	9005150072000
0.2874			7.300	74.00	34.00	9005150073000
0.2902		L	7.370	74.00	34.00	9005150073700
0.2913			7.400	74.00	34.00	9005150074000
0.2949		M	7.490	74.00	34.00	9005150074900
0.2953			7.500	74.00	34.00	9005150075000
0.2969	19/64		7.540	74.00	34.00	9005150075400
0.2992			7.600	79.00	37.00	9005150076000
0.3020		N	7.670	79.00	37.00	9005150076700
0.3031			7.700	79.00	37.00	9005150077000
0.3071			7.800	79.00	37.00	9005150078000
0.3110			7.900	79.00	37.00	9005150079000
0.3126	5/16		7.940	79.00	37.00	9005150079400
0.3150			8.000	79.00	37.00	9005150080000
0.3161		O	8.030	79.00	37.00	9005150080300
0.3189			8.100	79.00	37.00	9005150081000
0.3228		P	8.200	79.00	37.00	9005150082000
0.3268			8.300	79.00	37.00	9005150083000
0.3280	21/64		8.330	79.00	37.00	9005150083300
0.3307			8.400	79.00	37.00	9005150084000
0.3319		Q	8.430	79.00	37.00	9005150084300
0.3346			8.500	79.00	37.00	9005150085000
0.3386			8.600	84.00	40.00	9005150086000
0.3390		R	8.610	84.00	40.00	9005150086100

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #	
	Fract. inch	Wire / letter				
0.3425			8.700	84.00	40.00	9005150087000
0.3437	11/32		8.730	84.00	40.00	9005150087300
0.3465			8.800	84.00	40.00	9005150088000
0.3480		S	8.840	84.00	40.00	9005150088400
0.3504			8.900	84.00	40.00	9005150089000
0.3543			9.000	84.00	40.00	9005150090000
0.3579		T	9.090	84.00	40.00	9005150090900
0.3583			9.100	84.00	40.00	9005150091000
0.3594	23/64		9.130	84.00	40.00	9005150091300
0.3622			9.200	84.00	40.00	9005150092000
0.3661			9.300	84.00	40.00	9005150093000
0.3677		U	9.340	84.00	40.00	9005150093400
0.3681			9.350	84.00	40.00	9005150093500
0.3701			9.400	84.00	40.00	9005150094000
0.3740			9.500	84.00	40.00	9005150095000
0.3748	3/8		9.520	84.00	40.00	9005150095200
0.3772		V	9.580	89.00	43.00	9005150095800
0.3780			9.600	84.00	40.00	9005150096000
0.3819			9.700	84.00	40.00	9005150097000
0.3858		W	9.800	89.00	43.00	9005150098000
0.3898			9.900	84.00	40.00	9005150099000
0.3906	25/64		9.920	89.00	43.00	9005150099200
0.3937			10.000	89.00	43.00	9005150100000
0.3969		X	10.080	89.00	43.00	9005150100800
0.4016			10.200	89.00	43.00	9005150102000
0.4039		Y	10.260	89.00	43.00	9005150102600
0.4063	13/32		10.320	89.00	43.00	9005150103200
0.4130		Z	10.490	89.00	43.00	9005150104900
0.4134			10.500	89.00	43.00	9005150105000
0.4220	27/64		10.720	89.00	43.00	9005150107200
0.4331			11.000	95.00	47.00	9005150110000
0.4374	7/16		11.110	95.00	47.00	9005150111100
0.4528			11.500	95.00	47.00	9005150115000
0.4531	29/64		11.510	84.00	40.00	9005150115100
0.4646			11.800	84.00	40.00	9005150118000
0.4689	15/32		11.910	95.00	47.00	9005150119100
0.4724			12.000	102.00	51.00	9005150120000
0.4843	31/64		12.300	102.00	51.00	9005150123000
0.4921			12.500	102.00	51.00	9005150125000
0.5000	1/2		12.700	102.00	51.00	9005150127000
0.5118			13.000	102.00	51.00	9005150130000
0.5157	33/64		13.100	102.00	51.00	9005150131000
0.5311	17/32		13.490	107.00	54.00	9005150134900
0.5315			13.500	107.00	54.00	9005150135000
0.5512			14.000	107.00	54.00	9005150140000
0.5626	9/16		14.290	111.00	56.00	9005150142900

Alternative Drill Series:

- #5521 PM Cobalt, GT500, 3xD, 130 pt, TiN
- #659 Cobalt, GV120, 3xD, 130 pt, TiN
- #223 HSS, GP, 3xD, 118 pt, Bright (>2.36mm Steam Oxide)
- #653 HSS, GP, 3xD, 118 pt, TiN

*Items listed in red are non-stocked items, and may take 2 - 6 weeks to receive